

# Lindane Dump/ALSCO Park *Superfund Site*



U.S. EPA Information Update

March 1998

## Cleanup Construction To Start

In April, the U.S. Environmental Protection Agency (EPA) will oversee cleanup construction of the Lindane Dump/ALSCO Park Superfund Site, which is located in Harrison Township, Allegheny County, Pennsylvania. Allegheny Teledyne Corporation (formerly Allegheny Ludlum Corporation) and Harrison Township own the site.

Site cleanup will include:

- Installing a multi-layer cap over approximately 18 acres of the site,
- Restoring recreational park facilities,
- Building a new **leachate\*** and **groundwater** collection and treatment system and
- Operating and maintaining a monitoring program.

The cleanup will be conducted in two phases. The first phase, between April and October 1998, will involve capping the 14-acre park area, restoring park facilities, building the new treatment plant and starting the monitoring program. The second phase, between April and October 1999, will involve capping approximately four acres of the site's lower project area and completing any unfinished cleanup activities.

Construction equipment such as trucks, bulldozers and rollers will be used during both phases. Work at the site is scheduled to take place on weekdays, during normal construction hours.



Allegheny Teledyne Corporation, Elf Atochem North America, Inc. and Harrison Township are **potentially responsible parties (PRPs)** for the site.

Elf Atochem North America, Inc. is conducting all of the cleanup work under a **Consent Decree** with EPA. Allegheny Teledyne was issued an EPA **Administrative Order** to provide access to the site to conduct the response action.

\* **Words in bold are defined in the Glossary on page 3.**

## EPA Invites You to a Public Information Meeting



**Time:** 7 p.m.

**Date:** Wednesday, March 18, 1998

**Place:** Harrison Township Municipal Building  
One Municipal Drive  
Natrona Heights, PA

Representatives from EPA, the Pennsylvania Department of Environmental Protection (PaDEP), Elf Atochem and Eckenfelder Inc. will explain the objectives and projected timeline of the cleanup work and answer any questions or concerns.

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# Overview of Site Cleanup

## Multi-Layer Cap

A multi-layer clay-and-soil cap will be installed over the park and part of the site's lower project area. The cap will slow the flow of water in the site's soil, thereby reducing the movement of contaminants.

## Park Facilities

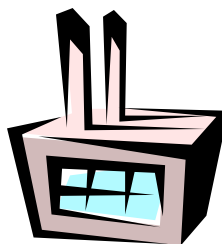
As part of the site cleanup, the existing park facilities will be dismantled and removed. Then, completely new facilities including two asphalt tennis courts, two ballfields, a utility



building, a pedestrian walk and a parking lot will be built.

## Treatment System

An upgraded leachate and groundwater collection and treatment system will be installed in a 9,100 square-foot building on the southern side of Karns Road, next to the current interim leachate collection and treatment system. After the system treats the leachate, the contaminants will be collected and disposed of in a permitted facility. The treated groundwater will be released to the Allegheny River. Once the new



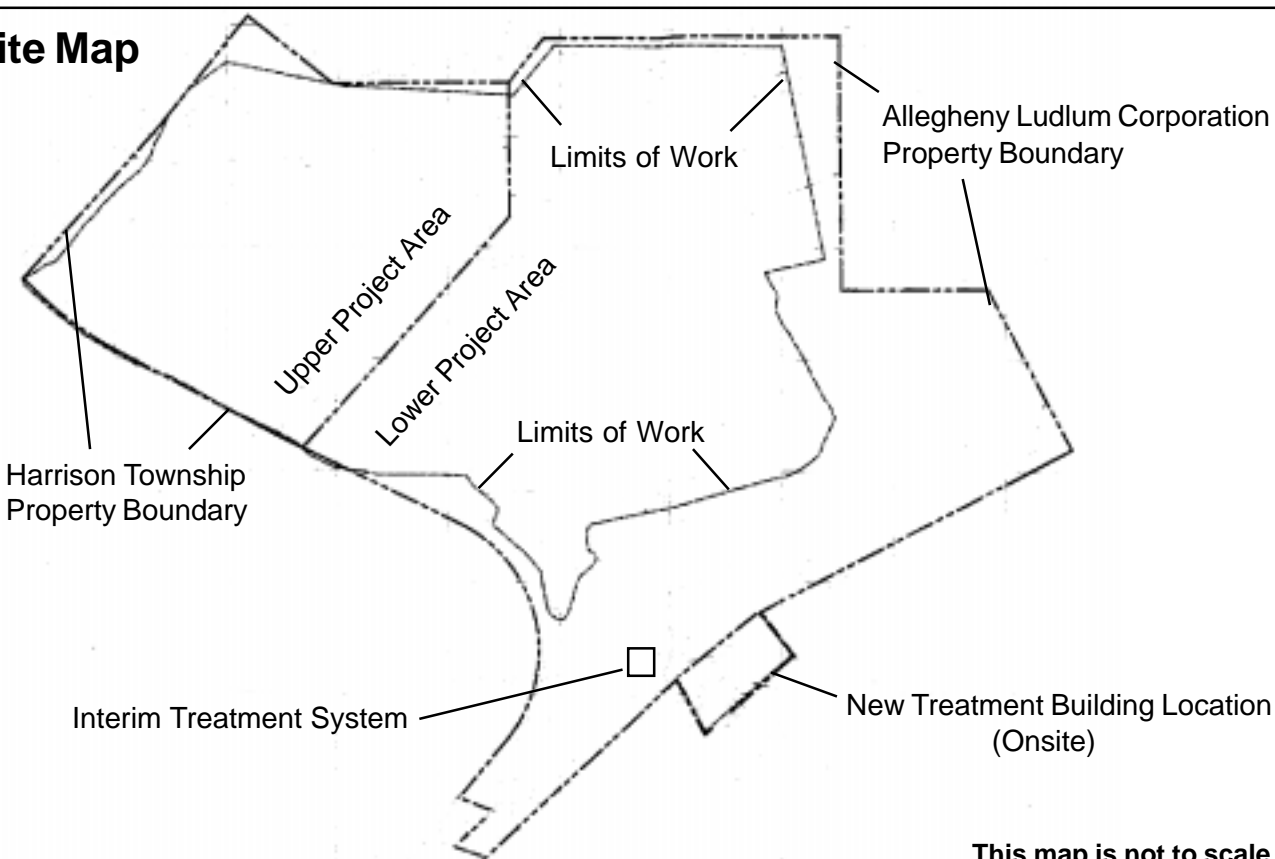
treatment system is operating, the interim system that was constructed in 1984 will be dismantled and removed.

## Monitoring Program

A monitoring program to make sure the new treatment system and multi-layer cap are working properly also will be implemented.



## Site Map



This map is not to scale.

# History of the Lindane Dump/ALSCO Park Site

The Lindane Dump/ALSCO Park Superfund Site is located in Harrison Township, Allegheny County, Pennsylvania, about 20 miles northeast of Pittsburgh. The site consists of the Natrona ALSCO Community Park which is about 14 acres in size and a 43.5-acre lower project area, which includes a closed landfill.

Between 1850 and 1960, Pennsylvania Salt Manufacturing Company (the predecessor of Penn Walt Company and Elf Atochem North America Inc.) owned and operated an industrial and chemical waste-disposal facility on the site. From 1900 to 1950, approximately 400 tons of powdered lindane pesticide waste and other industrial wastes were dumped at the site, contaminating the site's groundwater

and surrounding soil. Lindane is a white crystalline organic solid that is used in several ways as a pesticide, including to protect wood from certain beetles, to dip for fleas and lice on pets and to treat trees and vegetables.

In 1965, predecessors of the Allegheny Teledyne Corporation purchased the site and disposed of construction wastes, industrial waste, treatment plant sludge, coke, rubber tires and slag at the site until the mid-1980s.

In 1972, the Allegheny Ludlum Corporation donated the ALSCO Park area to Harrison Township.

EPA added the Lindane Dump/ALSCO Park Site to the National Priorities List (NPL) in 1983. The

NPL is EPA's list of the nation's most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term cleanup action under the Superfund program.

In 1984, the park was closed due to site contamination and an interim leachate collection / treatment system was installed. Contamination was still spreading at the site. As a result, EPA issued a

**Record of Decision (ROD)** for the Lindane Dump/ALSCO Park Superfund Site on

March 31, 1992. The ROD outlines all of the cleanup activities that are scheduled to take place at the site in the near future.



## Glossary

**Leachate:** Groundwater or run-off water that collects contaminants as it passes through a landfill.

**Groundwater:** Fresh water found underground that fills in gaps between soil, sand and gravel, and often is a major source of drinking water.

**Potentially Responsible Party (PRP):** A company or person who may have contributed to contamination at a site. PRPs may be generators, transporters, site owners or site operators. Whenever possible, through administrative and legal actions, EPA requires PRPs to clean up hazardous waste sites or to reimburse the Superfund for actions the Agency takes.

**Consent Decree:** A legal document, approved by a judge, that formalizes an agreement reached between EPA and potentially responsible parties (PRPs)

through which PRPs will conduct all or part of a cleanup action at a Superfund site; stop or correct actions or processes that are polluting the environment; or otherwise comply with EPA-initiated regulatory enforcement actions to resolve the contamination at the Superfund site involved. The Consent Decree describes the actions PRPs will take and is subject to a public comment period.

**Administrative Order:** A legal document signed by EPA directing an individual, business, or other entity to take corrective action or refrain from an activity. It describes the violations and actions to be taken, and can be enforced in court.

**Record of Decision (ROD):** A document that announces and explains EPA's selected cleanup method(s) for a Superfund site.

# Administrative Record File Available for Review

Information about the Lindane Dump/ALSCO Park Superfund Site is available for review in the Administrative Record File. The Administrative Record File is EPA's official collection of documents, data, reports and other information that supports EPA's decision on cleaning up a site. You may review the Administrative Record File at the information repository listed to the right.

## Information Repository

Harrison Township  
Municipal Building

One Municipal Drive  
Natrona Heights, PA 15065

Contact: Faith Payne  
Hours: 9 a.m. - 5 p.m.  
Monday - Friday

You also may review the file at:

**EPA Administrative  
Records Room**

**841 Chestnut Building  
Philadelphia, PA 19107**



Please call (215) 566-3157 for an appointment.

## For More Information

For more information about the Lindane Dump/ALSCO Park Superfund Site or the March 18 Public Meeting, please contact one of the EPA representatives listed to the right.



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## Inside: Information on the Lindane Dump/ALSCO Park Superfund Site



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